DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

| inal () Supplemental () Subst | titute () P | CT () Design | |
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| ial I am the original, first and sole inver | ntor (if only one | name is listed helow) | or an original first and |
| ON SYSTEM AND OPTICAL TRA | ANSMITTER A | AND OPTICAL REC | EIVER USED |
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| (if applicable) at Application No. PCT/ (if applicable). If and understand the content of the abole of the Patent and Trademark Office at all Regulations, §1.56. In Title 35, United States Code, §119 (a) | ove-identified span information kr | pecification, including the nown to me to be mate | ne claims, as amended |
| APPLICATION NO. | DA | TE OF FILING | PRIORITY CLAIMED |
| 226291/1997 | August 2 | 22, 1997 | Yes |
| 60135/1998 | | | Yes |
| 121498/1998 | | • | Yes |
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| States Code, §112, I acknowledge the culations, §1.56 which occurred between application. | e prior United S duty to disclose in the filing date | states application in the information material to a | manner provided by patentability as defin- n and the national or |
| | r, I hereby declare that: my residence, nat I am the original, first and sole inversamed below) of the subject matter who consider the subject matter than the subject | r, I hereby declare that: my residence, post office add that I am the original, first and sole inventor (if only one named below) of the subject matter which is claimed an ON SYSTEM AND OPTICAL TRANSMITTER. Ition Serial No | r, I hereby declare that: my residence, post office address and citizenship art at I am the original, first and sole inventor (if only one name is listed below) named below) of the subject matter which is claimed and for which a patent is so. CN SYSTEM AND OPTICAL TRANSMITTER AND OPTICAL RECONSTRUCTURE AND OPTICAL R |

And I hereby appoint John T. Miller, Reg. No. 21,120; Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils E. Pedersen, Reg. No. 33,145 and Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Send Correspondence to

WENDEROTH, LIND & PONACK, L.L.P. 2033 K Street, N.W., Suite 800 Washington, DC 20006

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK, L.L.P. Area Code (202) 721-8200

Direct Facsimile Messages to: Area Code (202) 721-8250

| Full Name of | FAMILY NAME | FIRST GIVEN NAME | SECOND GIV | EN NAME |
|---------------------------------|---|-----------------------|------------------------|-----------|
| First Inventor | FUSE | Masaru | | |
| Residence & Citizenship | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP | |
| | Toyonaka | Japan | Japan | |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |
| | 2-1-58 Higashitoyonal | ka-cho, Toyonaka-shi, | Osaka-fu, Japan | 560-0003 |
| Full Name of Second Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME | |
| | ОНУА | Jun | | |
| Residence & Citizenship | CITY | STATE OR COUNTRY | COUNTRY OF CIT | TIZENSHIP |
| | Osaka | Japan | Japan | |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |
| | 4-9-7-3-D Noe, Joto-ku, Osaka-shi, Osaka-fu, Japan 536-0006 | | | |
| Full Name of Third Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIV | EN NAME |
| Residence & Citizenship | СІТУ | STATE OR COUNTRY | COUNTRY OF CIT | TIZENSHIP |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |
| Full Name of Fourth Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIV | EN NAME |
| Residence & Citizenship | СІТУ | STATE OR COUNTRY | COUNTRY OF CIT | TZENSHIP |
| Post Office Address | ADDRESS | СІТҮ | STATE OR COUNTRY | ZIP CODE |

| Full Name of Fifth Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVE | EN NAME |
|----------------------------------|-------------|------------------|------------------------|----------|
| Residence & Citizenship | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP | |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |
| Full Name of Sixth Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME | |
| Residence & Citizenship | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP | |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |
| Full Name of Seventh Inventor | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME | |
| Residence & Citizenship | СІТУ | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP | |
| Post Office Address | ADDRESS | CITY | STATE OR COUNTRY | ZIP CODE |

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Ist Inventor Masory Fuse | Date |
|---|------------------|
| Ast Inventor Masoru Fuse Masaru FUSE Pand Inventor Jun OHYA | Date |
| 3rd Inventor | |
| th Inventor | Date |
| 5th Inventor | Date |
| 6th Inventor | Date |
| 7th Inventor | Date |
| The above application may be more particularly identified as follows: | ows: |
| U.S. Application Serial No. | Filing Date |
| Applicant Reference NumberFP-0286 | _ Atty Docket No |
| Title of Invention OPTICAL TRANSMISSION SYSTEM AND | |
| USED THEREFOR | |